

## WHAT IS CLAIMED IS:

1. A pneumatic tire having a tread pattern in which main lug grooves are disposed in opposing shoulder regions of a tread portion at a predetermined pitch in a circumferential direction of a tire, the main lug grooves being so arranged as to provide
- 5 circumferential phase difference between the opposing tread shoulder regions,

wherein a narrow shallow groove is disposed in a central region of the tread portion in its width direction for connecting the main lug grooves located in the opposing tread shoulder regions, and

- wherein a shallow groove portion is formed in a shoulder end region inside the
- 10 main lug groove.

2. The pneumatic tire according to claim 1, wherein groove depth of the narrow shallow groove is set in a range of 15 to 30% of groove depth of the main lug groove.

3. The pneumatic tire according to claim 1, wherein a region in which the narrow shallow groove is arranged is set in a range of 20 to 40% of width of the tread
- 15 portion.

4. The pneumatic tire according to claim 1, wherein groove width of the narrow shallow groove is set in a range of 35 to 100% of groove width of the main lug groove.

5. The pneumatic tire according to claim 1, wherein groove depth of the
- 20 shallow groove portion inside the main lug groove is set in a range of 50 to 80% of groove depth of the main lug groove.

6. The pneumatic tire according to claim 1, wherein a region in which the shallow groove portion is formed inside the main lug groove is set in a range of 20 to 50% of groove length of the main lug groove extending from tread end to tread center of
- 25 the tread portion.